5500 Business Drive Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

Mr. Robert Martin Martin & Slagle Box 1023 Black Mountain NC 28711

Report Number: G442-327

Client Project: Kuhlman Electric

ALCOLULAR OF 2015

Dear Mr. Martin:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,

Paradigm Analytical Laboratories, Inc.

Laboratory Director

Date

J. Patrick Weaver

#### Results for PCBs

by EPA 8082

Client Sample ID: ESP-DP-001-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-327-1B
Lab Project ID: G442-327
Matrix: Soil
Sample Wt/Vol: 10.72 g
ColumnID: STX-CLPest

Analyzed By: CLP
Date Collected: 7/20/05 12:32
Date Received: 7/21/05
Date Analyzed: 7/26/05
Date Extracted: 7/25/05

Report Basis: Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	103	BQL
Aroclor-1221	103	BQL
Aroclor-1232	103	BQL
Aroclor-1242	103	BQL
Aroclor-1248	103	BQL
Aroclor-1254	103	BQL
Aroclor-1260	103	567
Aroclor-1262	103	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	80	80

#### Comments:

BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: 8082\_LIMS\_v1 4

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs

by EPA 8082

Client Sample ID: ESP-Duplicate-II009
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-327-2B
Lab Project ID: G442-327
Matrix: Soil
Sample Wt/Vol: 10.64 g
ColumnID: STX-CLPest

Analyzed By: CLP
Date Collected: 7/20/05 0:00
Date Received: 7/21/05
Date Analyzed: 7/26/05
Date Extracted: 7/25/05

Report Basis: Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	103	BQL
Aroclor-1221	103	BQL
Aroclor-1232	103	BQL
Aroclor-1242	103	BQL
Aroclor-1248	103	BQL
Aroclor-1254	103	BQL
Aroclor-1260	103	534
Aroclor-1262	103 .	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	83	83

#### Comments:

BQL = Below Quantitation Limit NA = Not applicable, surrogate diluted out.

Reviewed By: 8082\_LIMS\_v1 4

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

#### **Results for PCBs**

by EPA 8082

Client Sample ID: ESP-DP-006-001 Analyzed By: CLP
Client Project ID: Kuhlman Electric Date Collected: 7/20/05 13:19
Lab Sample ID: G442-327-3B Date Received: 7/21/05
Lab Project ID: G442-327 Date Analyzed: 7/26/05
Matrix: Soil %SOLIDS: 87.7 Date Extracted: 7/25/05

Sample Wt/Vol: 10.21 g ColumnID: STX-CLPest Dilution: 1

Report Basis: Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	112	BQL
Aroclor-1221	112	BQL
Aroclor-1232	112	BQL
Aroclor-1242	112	BQL
Aroclor-1248	112	BQL
Aroclor-1254	112	BQL
Aroclor-1260	112	766
Aroclor-1262	112	BQL

Surrogate Spike Recoverles	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	71	71

#### Comments:

BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: Prop. 8082\_LIMS\_V1 4

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

#### **Results for PCBs**

by EPA 8082

Client Sample ID: Method Blank
Client Project ID:

Lab Sample ID: PB3294
Lab Project ID:

Date Received:
Date Analyzed By: CLP
Date Collected:
Date Received:
Date Analyzed: 7/26/

Lab Project ID:

Matrix: SOIL

Sample Wt/Vol: 10.0 g

Date Analyzed: 7/26/05

Matrix: SOIL

SOURCE

SOURCE

Date Analyzed: 7/26/05

Date Extracted: 7/25/05

Date Extracted: 7/25/05

Date Extracted: 7/25/05

Report Basis: Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	100	BQL
Aroclor-1221	100	BQL
Aroclor-1232	100	BQL
Aroclor-1242	100	BQL
Aroclor-1248	100	BQL
Aroclor-1254	100	BQL
Aroclor-1260	100	BQL
Aroclor-1262	100	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	61	61

#### Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: Prof 8002\_LIME\_V1 4

#### QC Results for PCBs by EPA 8082

Client Sample ID: Batch QC Lab Sample ID: G442-327-1B

Batch ID: 3294

Analyzed By: CLP Matrix: Soil

#### MS/MSD

Analyte	Sample	Spiked	MS	REC	Spiked	MSD	REC	RPD
	ug/KG	ug/KG	ug/KG	%	иg/KG	ug/KG	%	%
Aroclor-1260	567	1060	1660	103	1070	1770	112	8.37

#### LCS

Analyte	Spiked	Result	REC	Lin	nits
	 ug/KG	ug/KG	%	Lower	Upper
Arocior-1260	1000	1140	114	70	130

Comments:

# = Outside Control Limits

Reviewed by: PH

# List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = miltigram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

#### Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.011404.1

Please specify any special reporting State Certification Requested SEE REVERSE FOR TERMS AND CONDITIONS coc# 44654 6442-327 requirements Page\_\_\_/ Comments: Other. SAME CAME 1-0 0-1 Report To: \_ Invoice To: \_ SC\_\_ **TT015** LT 009 7.8.4 7.4.4 III S Chain-of Custody Record & Analyt, cal Iter, uest 7/20/05/F Analyses Time Date: \_ Turnaround: Job Number: P.O. Number: OFIGINAL 2 EVERTURE Contact: POBERT MARTIN 7 × × Resided By Project ID: Luthunth Preservatives PARADIGM ANALYTICAL LABORATORIES, INC. Fax: Phone: 柔 X Time Phone: (910)-350-1903 FAX: (910)-350-1557 1/2/5 1/20 5500 Business Drive, Wilmington, NC 28405 Time Mairix 5 اكر ESP-DP-001-001 7/20/05 1232 FSP-DP-001-001 Planlus 1319 Client: MARTIN + SLAC LCS Address: BLACK MOUNTAIN Solor/+ Date Reinquished By Charle O. M. Fee ETP-DYPLICATE Sample ID Address: Quote #: 8 of 8

5500 Business Drive Wilmington, North Carolina 28405 (910) 350-1903

Fax (910) 350-1557

Mr. Robert Martin Martin & Slagle Box 1023 Black Mountain NC 28711

Report Number: G442-329

Client Project: Kuhlman Electric

Dear Mr. Martin:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,

Paradigm Analytical Laboratories, Inc.

Laboratory Director

J. Patrick Weaver

### Results for PCBs

by EPA 8082

Client Sample ID: JMP-DP-001-001

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-329-1C

Lab Project ID: G442-329

Matrix: Soil

Sample Wt/Vol: 10.15 g

ColumnID: STX-CLPest

Analyzed By: CLP

Date Collected: 7/14/05 12:35

Date Received: 7/21/05

Date Analyzed: 7/26/05

Date Extracted: 7/25/05

Date Dilution: 1

Report Basis: Dry Weight

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	114	BQL
Aroclor-1221	114	BQL
Aroclor-1232	114	BQL
Aroclor-1242	114	BQL
Aroclor-1248	114	BQL
Aroclor-1254	114	BQL
Aroclor-1260	114	BQL
Arocior-1262	114	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	91	91

#### Comments:

BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

1082\_LIMS\_v1 4

#### **Results for PCBs**

by EPA 8082

Client Sample ID: JMP-DUP-HH011 Analyzed By: CLP
Client Project ID: Kuhlman Electric Date Collected: 7/14/05 0:00
Lab Sample ID: G442-329-2C Date Received: 7/21/05
Lab Project ID: G442-329 Date Analyzed: 7/26/05
Matrix: Soil %SOLIDS: 85.9 Date Extracted: 7/25/05
Sample Wt/Vol: 10.48 g ColumnID: STX-CLPest Dilution: 1

Report Basis: Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	111	BQL
Aroclor-1221	111	BQL
Aroclor-1232	111	BQL
Aroclor-1242	111	BQL
Aroclor-1248	111	BQL
Aroclor-1254	111	BQL
Aroclor-1260	111	BQL
Aroclor-1262	111	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	66	66

#### Comments:

BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: 8082\_LIM9\_v14

3 of 9

#### **Results for PCBs**

by EPA 8082

Client Sample ID: JMP-DP-006-001 Client Project ID: Kuhlman Electric

Lab Sample ID: G442-329-3C Lab Project ID: G442-329

Matrix: Soil Sample Wt/Vol: 10.75 g

%SOLIDS: 89.5

ColumnID: STX-CLPest

Analyzed By: CLP

Date Collected: 7/14/05 14:50

Date Received: 7/21/05 Date Analyzed: 7/26/05 Date Extracted: 7/25/05

Dilution: 1

Report Basis: Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	104	BQL
Aroclor-1221	104	BQL
Aroclor-1232	104	BQL.
Aroclor-1242	104	BQL
Aroclor-1248	104 ·	BQL
Aroclor-1254	104	BQL
Aroclor-1260	104	BQL
Aroclor-1262	104	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	87	87

#### Comments:

BQL = Below Quantitation Limit NA = Not applicable, surrogate diluted out.

Reviewed By: \_ P-v1 6082\_LiMS\_v1 4

#### **Results for PCBs**

by EPA 8082

Client Sample ID: JMP-DP-010-002 Client Project ID: Kuhlman Electric

Lab Sample ID: G442-329-4C Lab Project ID: G442-329

%SOLIDS: 88.7

ColumnID: STX-CLPest

Analyzed By: CLP

Date Collected: 7/14/05 15:49

Date Received: 7/21/05 Date Analyzed: 7/26/05 Date Extracted: 7/25/05

Dilution: 1

Report Basis: Dry Weight

Matrix: Soil

Sample Wt/Vol: 10.79 g

	Quantitation	Result
Compound	Llmit ug/KG	ug/KG
Aroclor-1016	104 .	BQL
Aroclor-1221	104	BQL
Aroclor-1232	104	BQL
Aroclor-1242	104	BQL
Aroclor-1248	104	BQL
Aroclor-1254	104	BQL
Aroclor-1260	104	BQL
Aroclor-1262	104	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	89	89

#### Comments:

BQL = Below Quantitation Limit NA = Not applicable, surrogate diluted out.

Reviewed By: \_\_\_\_\_\_ 8082\_LIM6\_v1 4

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB3294
Lab Project ID:
Date Received:
Date Analyzed By: CLP
Date Collected:
Date Received:
Date Analyzed: 7/26/

ab Project ID: Date Analyzed: 7/26/05

Matrix: SOIL %SOLIDS: 100.0 Date Extracted: 7/25/05

Sample Wt/Vol: 10.0 g ColumnID: STX-CLPest Dilution: 1
Report Basis: Dry Weight

report basis. Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	100	BQL
Aroclor-1221	100	BQL
Aroclor-1232	100	BQL
Aroclor-1242	100	BQL
Aroclor-1248	100	BQL
Aroclor-1254	100	BQL
Aroclor-1260	100	BQL
Aroclor-1262	100	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	61	61

#### Comments:

BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: Property 14

#### QC Results for PCBs by EPA 8082

Client Sample ID: Batch QC Lab Sample ID: G442-327-1B

Batch ID: 3294

Analyzed By: CLP Matrix: SOIL

#### MS/MSD

Analyte	Sample ug/KG	Spiked ug/KG	MS ug/KG	REC %	Spiked ug/KG	MSD ug/KG	REC	RPD %
Aroclor-1260	567	1060	1660	103	1070	1770	112	8.37

#### LCS

Analyte	Spiked	Result	REC	Lin	nits
	 ug/KG	ug/KG	%	Lower	Upper
Aroclor-1260	1000	1140	114	70	130

Comments:

# = Outside Control Limits

Reviewed by: PNP

# List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

#### Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.011404.1

6 10 6 Please specify any special reporting State Certification Requested SEE REVERSE FOR TERMS AND CONDITIONS coc# 46363 5442-329 スカ SAME 1-1 12-1 Other. Page\_\_ 0-1 Invoice To: Samo Report To: \_ 11044 Mossic SC MON MHOU 100 #/ # N N Tengerature ... Chain-of Custody Record & Analytical Request Colors Date: 7/10/0( Anadyses 9/// Time Turnaround: P.O. Number: \_ Job Number: 75/100 Date Project ID: Kullum AN GLECTELC Contact: ROBS CT MARTIN 150 × ~ × Received By Preservatives PARADIGM ANALYTICAL LABORATORIES, INC. Fax: Phone: × ~  $\times$  $\succ$ Phone: (910)-350-1903 FAX: (910)-350-1557 Time 5500 Business Drive, Wilmington, NC 28405 1/2/05 140 8 Date Client: MACTIN & SLAGIS Address: RACK MOUNTAIN, A.C. JMP-02-001-00 7/1/05/1235 200 625/ Pate Relinquished By Church O.M. Pee JW -010-010-02 JANP-100-001-001 JMG-DND Address: Quote #:

5500 Business Drive Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

Mr. Robert Martin Martin & Slagle Box 1023 Black Mountain NC 28711

Report Number: G442-330

Client Project: Kuhlman Electric

Dear Mr. Martin:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

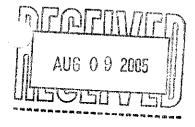
Sincerely,

Paradigm Analytical Laboratories, Inc.

Laboratory Director

Date

J. Patrick Weaver



#### Results for PCBs by EPA 8082

Client Sample ID: CSP-DP-171-001 Analyzed By: CLP
Client Project ID: Kuhlman Electric Date Collected: 7/15/05 10:08
Lab Sample ID: G442-330-1C Date Received: 7/21/05
Lab Project ID: G442-330 Date Analyzed: 7/26/05
Matrix: Soil %SOLIDS: 85.0 Date Extracted: 7/25/05
Sample Wt/Vol: 10.07 g ColumnID: STX-CLPest Dilution: 1

Report Basis: Dry Weight

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	117	BQL
Aroctor-1221	117	BQL
Aroclor-1232	117	BQL
Aroclor-1242	117	BQL
Aroclor-1248	117	BQL
Aroclor-1254	117	BQL
Aroclor-1260	117	988
Aroclor-1262	117	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	81	81

#### Comments:

BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: 8082\_LIMB\_V1 4

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

### **Results for PCBs**

by EPA 8082

Client Sample ID: CSP-Duplicate-C219
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-330-2C
Lab Project ID: G442-330
Matrix: Soil
Sample Wt/Vol: 10.35 g
ColumnID: STX-CLPest

Analyzed By: CLP
Date Collected: 7/15/05 0:00
Date Received: 7/21/05
Date Analyzed: 7/26/05
Date Extracted: 7/25/05

Report Basis: Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	113	BQL
Aroclor-1221	113	BQL
Aroclor-1232	113	BQL
Aroctor-1242	113	BQL
Aroclor-1248	113	BQL
Aroclor-1254	113	BQL
Aroclor-1260	113	2130
Aroclor-1262	113	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	95	95

#### Comments:

BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: Prof 8082\_LIMS\_v1 4

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs

by EPA 8082

Client Sample ID: CSP-DP-178-001

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-330-3C

Lab Project ID: G442-330

Matrix: Soil %SOLIDS: 90.5

Sample Wt/Vol: 10.48 g ColumnID: STX-CLPest

Analyzed By: CLP

Date Collected: 7/15/05 13:28

Date Received: 7/21/05

Date Analyzed: 7/26/05

Date Extracted: 7/25/05

Report Basis: Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	105	BQL
Aroclor-1221	105	BQL
Aroclor-1232	105	BQL
Aroclor-1242	105	BQL
Aroclor-1248	105	BQL
Aroclor-1254	105	BQL
Aroclor-1260	105	1310
Aroclor-1262	105	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	65	65

#### Comments:

BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: \_\_\_\_\_\_

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

## **Results for PCBs**

by EPA 8082

Dilution: 1

Client Sample ID: CSP-DP-182-001 Analyzed By: CLP Client Project ID: Kuhlman Electric Date Collected: 7/15/05 14:58 Lab Sample ID: G442-330-4C Date Received: 7/21/05 Lab Project ID: G442-330 Date Analyzed: 7/26/05 Matrix: Soil %SOLIDS: 93.6 Date Extracted: 7/25/05 Sample Wt/Vol: 10.23 g ColumnID: STX-CLPest

Report Basis: Dry Weight

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	104	BQL
Aroclor-1221	104	BQL
Aroclor-1232	104	BQL
Aroclor-1242	104	BQL
Aroclor-1248	104	BQL
Aroclor-1254	104	BQL
Aroclor-1260	104	793
Aroclor-1262	104	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Addeđ	Result	Recovered
TCMX	100	109	109

#### Comments:

BQL = Below Quantitation Limit NA = Not applicable, surrogate diluted out.

Reviewed By: 8082\_LIMS\_v1 4

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CSP-DP-186-001

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-330-5C

Lab Project ID: G442-330

Matrix: Soil

Sample Wt/Vol: 10.31 g

ColumnID: STX-CLPest

Analyzed By: CLP

Date Collected: 7/15/05 15:38

Date Received: 7/21/05

Date Analyzed: 7/26/05

Date Extracted: 7/25/05

Report Basis: Dry Weight

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	102	BQL
Aroclor-1221	102	BQL
Aroclor-1232	102	BQL
Aroclor-1242	102	BQL
Aroclor-1248	102	BQL
Aroclor-1254	102	BQL
Aroclor-1260	102	BQL
Aroclor-1262	102	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	80	80

#### Comments:

BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: Prof. 8082\_LIM5\_v1 4

#### **Results for PCBs**

by EPA 8082

Client Sample ID: CSP-DP-188-001

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-330-6C

Lab Project ID: G442-330

Matrix: Soil %SOLIDS: 89.9

Sample Wt/Voi: 10.71 g ColumnID: STX-CLPest

Analyzed By: CLP

Date Collected: 7/18/05 16:05

Date Received: 7/21/05

Date Analyzed: 7/26/05

Date Extracted: 7/25/05

Report Basis: Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	104	BQL
Aroclor-1221	104	BQL
Aroclor-1232	104	BQL
Aroclor-1242	104	BQL
Aroclor-1248	104	BQL
Aroclor-1254	104	BQL
Aroclor-1260	104	BQL
Aroclor-1262	104	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	95	95

#### Comments:

BQL = Below Quantitation Limit NA = Not applicable, surrogate diluted out.

Reviewed By: \_\_\_\_\_\_\_\_

#### Results for PCBs by EPA 8082

Client Sample ID: CSP-Duplicate-C257

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-330-7C

Lab Project ID: G442-330

Matrix: Soil

Sample Wt/Vol: 10.22 g

ColumnID: STX-CLPest

Analyzed By: CLP

Date Collected: 7/18/05 0:00

Date Received: 7/21/05

Date Analyzed: 7/26/05

Date Extracted: 7/25/05

Report Basis: Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Arocior-1016	111	BQL
Aroclor-1221	111	BQL
Aroclor-1232	111	BQL
Aroclor-1242	111	BQL
Aroclor-1248	111	BQL
Aroclor-1254	111	BQL
Aroclor-1260	111	BQL
Aroclor-1262	111	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	93	93

#### Comments:

BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

### Results for PCBs

by EPA 8082

Client Sample ID: CSP-DP-196-001

Analyzed By: CLP

Client Project ID: Kuhlman Electric

Date Collected: 7/19/05 10:10

Lab Sample ID. G442-330-8C

Date Received: 7/21/05 Date Analyzed: 7/26/05

Lab Project ID: G442-330 Matrix: Soil

Sample Wt/Vol: 10.39 g

Date Extracted: 7/25/05

Report Basis: Dry Weight

Dilution: 1

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	101	BQL
Aroclor-1221	101	BQL
Aroclor-1232	101	BQL
Aroclor-1242	101	BQL
Aroclor-1248	101	BQL
Aroclor-1254	101	BQL
Aroclor-1260	101	BQL
Aroclor-1262	101 .	BQL

%SOLIDS: 95.4

ColumnID: STX-CLPest

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	104	104

#### Comments:

BQL = Below Quantitation Limit NA = Not applicable, surrogate diluted out.

Reviewed By: Prop 8082\_LIMS\_v1 4

### Results for PCBs

by EPA 8082

Client Sample ID: CSP-Duplicate-C269
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-330-9C
Lab Project ID: G442-330
Matrix: Soil
Sample Wt/Vol: 10.63 g
ColumnID: STX-CLPest

Analyzed By: CLP
Date Collected: 7/19/05 0:00
Date Received: 7/21/05
Date Analyzed: 7/26/05
Date Extracted: 7/25/05

Report Basis: Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	98.6	BQL
Aroclor-1221	98.6	BQL
Aroclor-1232	98.6	BQL
Aroclor-1242	98.6	BQL
Aroclor-1248	98.6	BQL
Aroclor-1254	98.6	BQL
Aroclor-1260	98.6	BQL
Aroclor-1262	98.6	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	117	117

#### Comments:

BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: \_\_\_\_\_\_

### **Results for PCBs**

by EPA 8082

Client Sample ID: Method Blank Analyzed By: CLP Client Project ID: Date Collected:

Lab Sample ID: PB3294 Date Received: Lab Project ID:

Date Analyzed: 7/26/05 Matrix: SOIL %SOLIDS: 100.0 Date Extracted: 7/25/05

Sample Wt/Vol: 10.0 g Report Basis: Dry Weight ColumnID: STX-CLPest Dilution: 1

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	100	BQL
Aroclor-1221	100	BQL
Aroclor-1232	100	BQL
Aroclor-1242	100	BQL
Aroclor-1248	100	BQL
Aroclor-1254	100	BQL
Aroclor-1260	100	BQL
Aroclor-1262	100	BOL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	61	61

#### Comments:

BQL = Below Quantitation Limit NA = Not applicable, surrogate diluted out.

Reviewed By: Property 2015 6082\_L/MS\_v1 4

#### QC Results for PCBs by EPA 8082

Client Sample ID: Batch QC Lab Sample ID: G442-327-1B

Batch ID: 3294

Analyzed By: CLP Matrix: SOIL

#### MS/MSD

Analyte	Sample ug/KG	Spiked ug/KG	MS ug/KG	REC %	Spiked ug/KG	MSD · ug/KG	REC %	RPD
Aroclor-1260	567	1060	1660	103	1070	1770	112	8.37

#### LCS

Analyte	Spiked	Result	REC	Lin	nits
	ug/KG	ug/KG	%	Lower	Upper
Aroclor-1260	1000	1140	114	70	130

Comments:

# = Outside Control Limits

Reviewed by: 12-0

# List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

**BQL** = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

#### Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

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5500 Business Drive Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

Mr. Robert Martin Martin & Slagle Box 1023 Black Mountain NC 28711

Report Number: G442-331

Client Project: Kuhlman Electric



Dear Mr. Martin:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,

Paradigm Analytical Laboratories, Inc.

Laboratory Director

Date

J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: GTP-DP-023-001 Analyzed By: CLP

Client Project ID: Kuhlman Electric Date Collected: 7/14/05 10:38
Lab Sample ID: G442-331-1C Date Received: 7/21/05
Lab Project ID: G442-331 Date Analyzed: 7/26/05
Matrix: Soil #%SOLIDS: 89.4 Date Extracted: 7/25/05

Sample Wt/Vol: 10.23 g ColumnID: STX-CLPest Dilution: 1

Report Basis: Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	109	BQL
Aroclor-1221	109	BQL
Aroclor-1232	109	BQL
Aroclor-1242	109	BQL
Aroclor-1248	109	BQL
Aroclor-1254	109	BQL
Aroclor-1260	109	1050
Aroclor-1262	109	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	90	90

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: Property 4

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: GTP-Dup-GG055

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-331-2C

Lab Project ID: G442-331

Matrix: Soil

Sample Wt/Vol: 10.16 g

ColumnID: STX-CLPest

Analyzed By: CLP

Date Collected: 7/14/05 0:00

Date Received: 7/21/05

Date Analyzed: 7/26/05

Date Extracted: 7/25/05

Date Dilution: 1

Report Basis: Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	109	BQL
Aroclor-1221	109	BQL
Aroclor-1232	109	BQL
Aroclor-1242	109	BQL
Aroclor-1248	109	BQL
Aroclor-1254	109	BQL
Aroclor-1260	109	860
Aroclor-1262	109	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	94	94

Comments:

BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: \_\_\_\_\_\_\_

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB3294
Analyzed By: CLP
Date Collected:
Date Received:

Lab Project ID: Date Analyzed: 7/26/05
Matrix: SOIL %SOLIDS: 100.0 Date Extracted: 7/25/05

Sample Wt/Vol: 10.0 g ColumnID: STX-CLPest Dilution: 1

Report Basis: Dry Weight

	Quantitation	Result
Compound	Limit ug/KG	ug/KG
Aroclor-1016	100	BQL
Aroclor-1221	100	BQL
Aroclor-1232	100 .	BQL
Aroclor-1242	100	BQL
Arocior-1248	100	BQL
Aroclor-1254	100	BQL
Aroclor-1260	100	BQL
Aroclor-1262	100	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	61	61

#### Comments:

BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: 4062\_LIMS\_vt 4

#### QC Results for PCBs by EPA 8082

Client Sample ID: Batch QC Lab Sample ID: G442-327-1B Batch ID: 3294

Analyzed By: CLP Matrix: SOIL

#### MS/MSD

Analyte	Sample	<b>Spiked</b>	MS	REC	Spiked	· MSD	REC	RPD
	ug/KG	ug/KG	ug/KG	%	ug/KG	ug/KG	%	%
Aroclor-1260	567	1060	1660	103	1070	1770	112	8.37

#### LC\$

Analyte	 Spiked	Result	REC	Limits	
	ug/KG	ug/KG	%	Lower	Upper
Aroclor-1260	1000	1140	114	70	130

Comments:

# = Outside Control Limits

Reviewed by:

# List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

**BQL** = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

#### Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.011404.1

Please specify any special reporting State Certification Requested SEE REVERSE FOR TERMS AND CONDITIONS coc# 46362 requirements Comments: G442-33, 11-0 Other\_ Report To: SOM & Page — Invoice To: SAULS 55095 SC **さんのり**り mosse 4 AD S S Chain-of Custody Record & Analytical Request Temperature Turnaround: LOCWA Date: 7/20/06 Analyses Time Job Number: P.O. Number: 1/21/05 Date Project ID: Kun MA Custral ORIGINAL PRINCIPAL PRINCIP Contact: Robout MACTIN 5. B)d Received By Preservatives PARADIGM ANALYTICAL LABORATORIES, INC. Phone: Fax: 生 × Phone: (910)-350-1903 FAX: (910)-350-1557 Time 1/2/05 140c 5500 Business Drive, Wilmington, NC 28405 Time Matrix 8  $\Diamond$ Address: BLACK MUNTAIN, WC Date 1/4/02 1038 Client: MACTINESAGES Trylos Date Relinquished By le, 0, 14. feer 3TP-DP-023-001 Sample ID GTP -DWP Address: Quote #:

5500 Business Drive Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

Mr. Robert Martin Martin & Slagle Box 1023 Black Mountain NC 28711

Report Number: G442-328

Client Project: Kuhlman Electric

#### Dear Mr. Martin:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

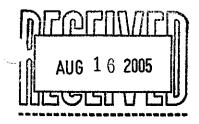
Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,

Paradigm Analytical Laboratories, Inc.

Laboratory Director

J. Patrick Weaver



#### **Results for PCBs**

by EPA 8082

Client Sample ID: CSP-FB-009

Analyzed By: CLP

Client Project ID: Kuhlman Electric

Date Collected: 7/18/05 16:17

Lab Sample ID: G442-328-1C

Date Received: 7/21/05

Lab Project ID: G442-328

Date Extracted: 7/26/05

Sample WtO/of: 500 ML ColumnID: STX CLD

ampie vvi voi.	200 MIL	Columnitio,	SIX-CLPest	ħ

Matrix: Water

Compound	Result ug/L	Quantitation Limit ug/L	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	1.00	1	07/28/05
Aroclor-1221	BQL	1.00	1	07/28/05
Aroclor-1232	BQL	1.00	<u>i</u>	07/28/05
Aroclor-1242	BQL.	1.00	1	07/28/05
Aroclor-1248	BQL	1.00	1	07/28/05
Aroclor-1254	BQL	1.00	1	07/28/05
Aroclor-1260	BQL	1.00	1	07/28/05
Aroclor-1262	BQL	1.00	1	07/28/05

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	49	49

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 8082\_L(MS\_v1 5

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

#### **Results for PCBs**

by EPA 8082

Client Sample ID: Method Blank

Analyzed By: CLP

Client Project ID:

Date Collected:

Lab Sample ID: PB3299

Date Received:

Lab Project ID:

Date Extracted: 7/26/05

Sample Wt/Vol: 500 ML ColumnID: STX-CLPest

Matrix: WATER

Compound	Result ug/L	Quantitation Limit ug/L	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	1.00	1	07/28/05
Aroclor-1221	BQL	1.00	1	07/28/05
Aroclor-1232	BQL	1.00	. 1	07/28/05
Aroclor-1242	BQL	1.00	1	07/28/05
Aroclor-1248	BQL	1.00	1	07/28/05
Aroclor-1254	BQL	1.00	1	07/28/05
Aroclor-1260	BQL	1.00	1	07/28/05
Aroclor-1262	BQL	1.00	1	07/28/05

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	52	52

Comments:

**BQL** = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

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5500 Business Drive Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

Mr. Robert Martin Martin & Slagle Box 1023 Black Mountain NC 28711

Report Number: G442-332

Client Project: Kuhlman Electric

Dear Mr. Martin:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

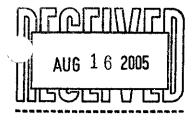
Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,

Paradigm Ahalytical Laboratories, Inc.

Laboratory Director

J. Patrick Weaver



## Results for PCBs

by EPA 8082

Client Sample ID: ESP-FB-001

Analyzed By: CLP

Client Project ID: Kuhlman Electric

Date Collected: 7/20/05 12:30

Lab Sample ID: G442-332-1B

Date Received: 7/21/05

Lab Project ID: G442-332

Date Extracted: 7/26/05

Sample Wt/Vol: 500 ML ColumnID: STX-CLPest

Matrix: Water

Compound	Result ug/L	Quantitation Limit ug/L	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	1.00	1	07/28/05
Aroclor-1221	BQL	1.00	1	07/28/05
Aroclor-1232	BQL	1.00	1	07/28/05
Arocior-1242	BQL	1.00	1	07/28/05
Aroclor-1248	BQL	1.00	1	07/28/05
Aroclor-1254	BQL	1.00	1	07/28/05
Aroclor-1260	BQL	1.00	1	07/28/05
Aroclor-1262	BQL	1.00	1	07/28/05

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
DBC	100	47	47

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

8082\_LIMS\_v1 5

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

#### **Results for PCBs**

by EPA 8082

Client Sample ID: Method Blank

Analyzed By: CLP

Client Project ID:

Date Collected: Date Received:

Lab Sample ID: PB3299

Lab Project ID:

Date Extracted: 7/26/05

Sample Wt/Vol: 500 ML ColumnID: STX-CLPest

Matrix: WATER

Compound	Result ug/L	Quantitation Limit ug/L	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	1.00	1	07/28/05
Aroclor-1221	BQL	1.00	1	07/28/05
Aroclor-1232	BQL	1.00	· 1	07/28/05
Aroclor-1242	BQL	1.00	1	07/28/05
Aroclor-1248	BQL	1.00	1	07/28/05
Arocior-1254	BQL	1.00	1	07/28/05
Aroclor-1260	BQL	1.00	1	07/28/05
Aroclor-1262	BQL	1.00	1	07/28/05

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	52	52

#### Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

#### QC Results for PCBs by EPA 8082

Client Sample ID: Batch QC

Lab Sample ID: G442-332-1B

Batch ID: 3299

Analyzed By: CLP

Matrix: Water

#### MS/MSD

Analyte	Sample	Spiked	MS	REC	Spiked	MSD	REC	RPD
	ug/L	ug/L	ug/L	%	ug/L	ug/L	%	%
Aroclor-1260	BQL	37	32.4	87.6	37	36	97.3	10 5

#### LCS

Analyte	Spiked	Result	REC	Lin	nits
	 ug/L	ug/L	%	Lower	Upper
Aroclor-1260	10	9.02	90.2	70	130

Comments:

# = Outside Control Limits

Reviewed by:

# List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

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MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

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RL = Reporting Limit

RPD = Relative Percent Difference

rng/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

#### Special Notes:

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- 2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.011404.1

PARADIGM ANALYTICAL LABORATORIES, INC. 5500 Business Drive, Wilmington, NC 28405 Phone: (910)-350-1903 FAX: (910)-350-1557	VEXTICAL ve, Wilmingt	LABO on, NC	<b>RATOR</b> 28405	RIES, INC.	Chain-o	f Custody 1	Record & A	Chain-of Custody Record & Analytical Request	coc# 4465
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5500 Business Drive Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

Mr. Robert Martin Martin & Slagle Box 1023 Black Mountain NC 28711

Report Number: G442-334

Client Project: Kuhlman Electric

Dear Mr. Martin:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

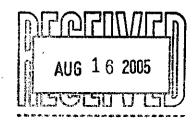
Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,

Paradigm Analytical Laboratories, Inc.

Laboratory Director

J. Patrick Weaver



#### **Results for PCBs**

by EPA 8082

Client Sample ID: ESP-DP-010-001

Analyzed By: CLP

Client Project ID: Kuhlman Electric

Date Collected: 7/21/05 15:00

Lab Sample ID: G442-334-1B

Date Received: 7/29/05

Lab Project ID: G442-334 D Sample Wt/Voi: 10.56 ColumnID: STX-CLPest

Date Extracted: 8/2/05

Report Basis: Dry Weight

Matrix: Soil

%SOLIDS: 69.6

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	136	1	08/09/05
Aroclor-1221	BQL	136	1	08/09/05
Aroclor-1232	BQL	136	1	08/09/05
Aroclor-1242	BQL	136	1	08/09/05
Aroclor-1248	BQL	136	1	08/09/05
Aroclor-1254	BQL.	136	· 1	08/09/05
Aroclor-1260	BQL	136	1	08/09/05
Aroclor-1262	BQL	136	1	08/09/05

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	118	118

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

### **Results for PCBs**

by EPA 8082

Client Sample ID: ESP-Duplicate-II024

Analyzed By: CLP

Client Project ID. Kuhlman Electric

Date Collected: 7/21/05 0:00

Lab Sample ID: G442-334-2B

Date Received: 7/29/05

Lab Project ID: G442-334

Date Extracted: 8/2/05

Sample Wt/Vol: 10.15 ColumnID: STX-CLPest

Matrix: Soil

Report Basis: Dry Weight

%SOLIDS: 73.3

Compound	Result ua/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	134	1	08/09/05
Aroclor-1221	BQL	134	1	08/09/05
Aroclor-1232	BQL	134	1	08/09/05
Aroclor-1242	BQL	134	1	08/09/05
Aroclor-1248	BQL	134	1	08/09/05
Aroclor-1254	BQL	134	1	08/09/05
Aroclor-1260	BQL	134	1	08/09/05
Aroclor-1262	BQL	134	1	08/09/05

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	113	113

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

#### **Results for PCBs**

by EPA 8082

Client Sample ID: ESP-DP-014-001

Analyzed By: CLP

Client Project ID: Kuhlman Electric

Date Collected: 7/21/05 15:34

Lab Sample ID: G442-334-3B

Date Received: 7/29/05

Lab Project ID: G442-334 Sample Wt/Vol: 10.48 ColumnID: STX-CLPest

Date Extracted: 8/2/05

Matrix: Soil

Report Basis: Dry Weight

%SOLIDS: 81.3

	Result	Quantitation	Dilution	Date
Compound	ug/KG	Limit ug/KG	Factor	Analyzed
Aroclor-1016	BQL	117	1	08/09/05
Aroclor-1221	BQL	117	1	08/09/05
Aroclor-1232	BQL.	117	1	08/09/05
Aroclor-1242	BQL	117	1	08/09/05
Aroclor-1248	BQL	117	1	08/09/05
Aroclor-1254	BQL	117	1	08/09/05
Aroclor-1260	594	117	1	08/09/05
Aroclor-1262	BQL	117	1	08/09/05

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	112	112

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

#### **Results for PCBs**

by EPA 8082

Client Sample ID: Method Blank

Analyzed By: CLP

Client Project ID:

Date Collected:

Lab Sample ID: PB3352

Date Received:

Lab Project ID:

Date Extracted: 8/2/05

Sample Wt/Vol: 10.0 g ColumnID: STX-CLPest

Matrix: SOIL

Report Basis: Dry Weight

%SOLIDS: 100.0

Commonad	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Compound	_	-	1 4010.	-
Aroclor-1016	BQL	100	1	08/09/05
Aroclor-1221	BQL	100	1	08/09/05
Aroclor-1232	BQL	100	1	08/09/05
Aroclor-1242	BQL	100	1	08/09/05
Aroclor-1248	BQL	100	1	08/09/05
		100	1	08/09/05
Aroclor-1254	BQL	100	•	
Arocior-1260	BQL	100	1	08/09/05
Aroclor-1262	BQL	100	1	08/09/05

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	90	90

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

#### QC Results for PCBs by EPA 8082

Client Sample ID: Batch QC Lab Sample ID: G442-333-3B

Batch ID: 3352

Analyzed By: CLP Matrix, SOIL

#### MS/MSD

Analyte	Sample	Spiked	MS	REC	Spiked	MSD	REC	RPD
	ug/L	ug/L	ug/L	%	ug/L	ug/L	%	%
Aroclor-1260	2870	1030	3930	103	1110	4280	127	20.9

#### LCS

Analyte	 Spiked	Result	REC	Lin	nits
1	 ug/L	ug/L_	%	Lower	Upper
Aroclor-1260	1000	1080	108	70	130

Comments:

# = Outside Control Limits

Reviewed by:

# List of Reporting Abbreviations and Data Qualifiers

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BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

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J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

POL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

#### Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

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5500 Business Drive Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

Mr. Robert Martin Martin & Slagle Box 1023 Black Mountain NC 28711

Report Number: G442-335

Client Project: Kuhlman Electric

Dear Mr. Martin:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

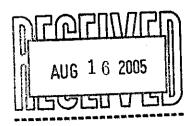
If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely, Paradigm Analytical Laboratories, Inc.

Laboratory Director

J. Ratrick Weaver



## **Results for PCBs**

by EPA 8082

Client Sample ID: GTP-DP-027-001

Analyzed By: CLP

Client Project ID: Kuhlman Electric

Date Collected: 7/22/05 11:14

Lab Sample ID: G442-335-1B

Date Received: 7/29/05

Lab Project ID: G442-335

Date Extracted: 8/2/05

Sample Wt/Vol: 10.49 ColumnID: STX-CLPest

Matrix: Soil

Report Basis: Dry Weight

%SOLIDS: 83.6

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248	Result ug/KG BQL BQL BQL BQL BQL	Quantitation Limit ug/KG 114 114 114 114	Dilution Factor  1 1 1 1 1 1	Date Analyzed 08/09/05 08/09/05 08/09/05 08/09/05
Aroclor-1254	BQL	114	1	08/09/05
Aroclor-1260	<b>296</b>	114	1	08/09/05
Aroclor-1262	BQL	114	1	08/09/05

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	89	89

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 6082\_LIMS\_v1 6

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

#### **Results for PCBs**

by EPA 8082

Client Sample ID: GTP-Duplicate-G6060

Analyzed By: CLP

Client Project ID: Kuhlman Electric

Date Collected: 7/22/05 0:00

Lab Sample ID: G442-335-2B

Date Received: 7/29/05 Date Extracted: 8/2/05

Lab Project ID: G442-335 D Sample Wt/Vol: 10.44 ColumnID: STX-CLPest

Matrix: Soil

Report Basis: Dry Weight

%SOLIDS: 82.9

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	Result ug/KG BQL BQL BQL BQL BQL BQL BQL BQL	Quantitation Limit ug/KG 116 116 116 116 116 116 116	Dilution	Date Analyzed 08/09/05 08/09/05 08/09/05 08/09/05 08/09/05 08/09/05 08/09/05
Aroclor-1262	BQL	116	1	08/09/05

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	85	85

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: W

6082\_LIMS\_v1 5

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but may contain a mixture of Aroclor 1260 and Aroclor 1262.

## **Results for PCBs**

by EPA 8082

Client Sample ID: Method Blank

Analyzed By: CLP

Client Project ID:

Date Collected: Date Received:

Lab Sample ID: PB3352

Lab Project ID:

Date Extracted: 8/2/05

Sample Wt/Vol: 10.0 g ColumnID: STX-CLPest

Matrix: SOIL

Report Basis: Dry Weight

%SOLIDS: 100.0

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254	Result ug/KG BQL BQL BQL BQL BQL	Quantitation Limit ug/KG 100 100 100 100 100 100	Dilution	Date Analyzed 08/09/05 08/09/05 08/09/05 08/09/05 08/09/05 08/09/05
Aroclor-1254 Aroclor-1260 Aroclor-1262	BQL BQL BQL	100 100 100	1	

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	90	90

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 8082\_LIMB\_v1 5

#### QC Results for PCBs by EPA 8082

Client Sample ID: Batch QC Lab Sample ID: G442-333-3B

Batch ID: 3352

Analyzed By: CLP Matrix: SOIL

#### MS/MSD

				LAC	REC	Spiked	MSD	REC	RPD
	Analyte	Sample	Spiked ug/L	MS ug/L	NEO	ug/L	ug/L	%	%
ŀ	Aroclor-1260	ug/L 2870	1030	3930	103	1110	4280	127	20.9
-	Arocioi-1200	20,0						1	

#### LCS

The state of the s	Spiked	Result	REC	Lin	nits
Analyte	ug/L	ug/L	%	Lower	Upper
Aroclor-1260	1000	1080	108	70	130

Comments:

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Reviewed by:

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